

## Message Text

UNCLASSIFIED

PAGE 01 STOCKH 05375 231229Z  
ACTION EUR-12

INFO OCT-01 ISO-00 EB-08 /021 W  
-----002499 231516Z /44

R 230821Z DEC 77  
FM AMEMBASSY STOCKHOLM  
TO USDOC WASHDC  
INFO SECSTATE WASHDC 2611

UNCLAS STOCKHOLM 5375

E.O. 11652: N/A  
TAGS: BBSR, BFOL, SW, DA, NO  
SUBJ: GLOBAL MARKET RESEARCH: ELECTRONIC COMPONENTS - SWEDEN,  
DENMARK AND NORWAY

REF: USDOC 23207

1. CONTRACTOR AB KONSULTERNA PROVIDED FOLLOWING INFORMATION  
12/21 IN RESPONSE TO REFTEL QUESTIONS:

2. RESPONSES ARE NUMBERED SAME AS QUESTIONS:

(4) END-USER COMPONENTS CONSUMPTION TABLE: MEDICAL INSTRUMENTS  
CATEGORY INCLUDES MEDICAL EQUIPMENT OTHER THAN INSTRUMENTS. RADIO  
AND TV CATEGORY INCLUDES PHONOGRAPHIC EQUIP AND TAPE RECORDERS/  
PLAYERS.

(5) FIGURES FOR POWER SOURCES (SIGNAL GENERATORS) USED IN  
INSTRUMENTS ONLY SHOULD READ:

SWEDEN

LOCALLY PRODUCED

DOMESTIC EXPORTED IMPORTED

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PAGE 02 STOCKH 05375 231229Z

1973	2.7	0.6	4.7
1974	3.2	0.7	5.5
1975	3.6	0.9	6.3
1976	4.0	1.0	7.0
1978	4.8	1.0	8.8
1980	6.3	1.4	12.0

DENMARK

LOCALLY PRODUCED  
DOMESTIC EXPORTED IMPORTED

1973	2.0	0.5	3.5
1974	2.3	0.6	4.0
1975	2.7	0.7	4.6
1976	3.1	0.7	5.1
1980	5.3	1.3	8.9

NORWAY

LOCALLY PRODUCED  
DOMESTIC EXPORTED IMPORTED

1973	1.1	0.2	1.9
1974	1.2	0.2	2.2
1975	1.4	0.3	2.5
1976	1.7	0.3	2.8
1978	2.2	0.4	3.5
1980	2.9	0.5	4.8

(6) FIGURES GIVEN FOR OTHER GOVERNMENT PROCUREMENT REPRESENT  
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PAGE 03 STOCKH 05375 231229Z

DOUBLE COUNTING OF COMMUNICATIONS EQUIP USED IN EDP AND TELE-  
COMMUNICATIONS. FIGURES FOR DEFENSE ALSO REPRESENT DOUBLE  
COUNTING. HOWEVER, A LARGE AMOUNT IS SPECIAL MADE EQUIP,  
ESPECIALLY FOR VIGGEN AIRCRAFT.

(7) OTHER CATEGORY UNDER DATA PROCESSING INCLUDES:

- MODEM (OTHER THAN FOR TELECOMMUNICATIONS)
- MULTIPLEXERS SERIAL COMMON CHANNEL
- CONTROL UNITS (ADDRESSING AND BUFFERING)
- ACCESSORIES, PARTS AND SPARE PARTS NOT INCLUDED ELSEWHERE  
IN THE GROUP

(8) STRONG EFFORTS WERE MADE TO FOLLOW INSTRUCTIONS ON PAGE 16  
OF SURVEY SPECIFICATIONS. HOWEVER, WITHIN FRAMEWORK OF DATA  
COLLECTION FOR PARTS I AND II IT WAS NOT POSSIBLE TO OBTAIN  
COMPLETELY REPRESENTATIVE FIGURES. FOR EXAMPLE, IN SWEDEN,  
PRODUCTION OF MEDICAL EQUIPMENT BY SIEMENS-ELEMA (A SUBSIDIARY  
OF WEST GERMAN SIEMANS) EXCEEDS \$110 MILLION PER ANNUM. THIS  
FIGURE INCLUDES RESPIRATORS, PACEMAKERS, EKG AND X-RAY EQUIP.  
IN X-RAY EQUIP (\$30 MILLION A YEAR), THE SHARE OF ELECTRONICS  
IS LIMITED BUT NOT ABSENT, AND IN CONTROL ELEMENTS FOR X-RAY

EQUIP THIS SHARE IS INCREASING. A SIMILAR SITUATION PERTAINS REGARDING THE SWEDISH FIRMS LKB MEDICAL INSTRUMENTS AND JUNGNER'S RESPIRATORS. ON THE WHOLE IT WAS DIFFICULT TO SEPARATE ELECTRONIC CONTENTS OF AN INSTRUMENT FROM THE MECHANICAL CONTENTS (AS IN THE CASE OF X-RAY). FOLLOWING CATEGORIES AND SUBCATEGORIES INCLUDE EQUIP NOT INCORPORATING ELECTRONIC COMPONENTS:

TELECOMMUNICATIONS EQUIP  
INSTRUMENTATION  
ANALYTICAL INSTRUMENTS  
TEST & MEASURING INSTRUMENTS  
IND. CONTROL INSTRUMENTATION

MEDICAL EQUIP  
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PAGE 04 STOCKH 05375 231229Z

- DIAGNOSTIC EQUIP  
- PATIENT TREATMENT AND SUPPORT EQUIP

OTHER CONSUMER ELECTRONICS  
- COOKING EQUIPMENT.  
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## Message Attributes

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**Concepts:** n/a  
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**Review Markings:**  
Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
22 May 2009  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009